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(11) **EP 0 779 759 A2**

(12) **EUROPEAN PATENT APPLICATION**

(43) Date of publication:  
18.06.1997 Bulletin 1997/25

(51) Int. Cl.<sup>6</sup>: **H04Q 7/24, H04L 12/28**

(21) Application number: **96309006.3**

(22) Date of filing: **11.12.1996**

(84) Designated Contracting States:  
**AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC  
NL PT SE**  
Designated Extension States:  
**AL LT LV SI**

(30) Priority: **11.12.1995 US 570210**  
**11.12.1995 US 570384**

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(54) **A method and architecture for an interactive two-way data communication network**

(57) A two-way data communication device such as a data ready cellular telephone, a two-way pager, or a telephone communicates via a two-way data communication network with a server computer on a computer network that has an interface to the two-way data communication network, i.e. is coupled to the two-way data communication network. For example, the computer network can be a corporate wide area network, a corporate local area network, the Internet, or any combination of computer networks. The two-way data communication device utilizes a client module to transmit message including a resource selector chosen by the user to a server on a server computer on the computer network. The server processes the message and transmits a response over the two-way data communication network to the client module. The client module interprets the response and presents the response to the user via a structured user interface. Alternatively, the user transmits a request that directs the server to transmit the response to the request to another location or to another user.

**EP 0 779 759 A2**

**PUB-NO:** EP000779759A2

**DOCUMENT-  
IDENTIFIER:** EP 779759 A2

**TITLE:** A method and architecture for an interactive two-way data communication network

**PUBN-DATE:** June 18, 1997

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**APPL-NO:** EP96309006

**APPL-DATE:** December 11, 1996

**PRIORITY-  
DATA:** US57021095A (December 11, 1995) , US57038495A (December 11, 1995)

**INT-CL (IPC):** H04Q007/24 , H04L012/28

**EUR-CL** G06F003/023 , H04L012/28 , H04L012/56 , H04L029/08 ,  
**(EPC):** H04M007/00 , H04Q007/24

**ABSTRACT:**

CHG DATE=19990617 STATUS=O> A two-way data communication device such as a data ready cellular telephone, a two-way pager, or a telephone communicates via a two-way data communication network with a server computer on a computer network that has an interface to the two-way data communication network, i.e, is coupled to the two-way data communication network. For example, the computer network can be a corporate wide area network, a corporate local area network, the Internet, or any combination of computer networks. The two-way data communication device utilizes a client module to transmit message

including a resource selector chosen by the user to a server on a server computer on the computer network. The server processes the message and transmits a response over the two-way data communication network to the client module. The client module interprets the response and presents the response to the user via a structured user interface. Alternatively, the user transmits a request that directs the server to transmit the response to the request to another location or to another user.